

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 9, 1984

Mr. Larry Simpson, Mine Manager Western States Minerals Corporation P. O. Box 1177 Delta. Utah 84624

ATTENTION: Mr. Dave Linebarger

RE: Proposed Waste Rock Leach Dump

Drum Mine ACT/027/007

Millard County, Utah

Dear Mr. Simpson:

The Division has completed the review of Western States Minerals Corporation's February 21, 1984 submittal for a new Waste Rock Leach Dump. The following technical deficiencies have been uncovered as a result of the review and must be addressed prior to issuance of final Division approval:

Rule M-3(1)(e) - DWD

The applicant must submit design plans for the collection pond below the proposed leach pile. Cross-sections should be submitted which indicate pond dimensions and embankment slopes. Calculations should be submitted which show that the capacity of the constructed pond will contain the precipitation generated during a 25-year, 24-hour storm plus the maximum amount of leachate that will collect at any one time.

The operator must install an emergency discharge structure on the pond such that no discharge will take place up to and including a 25-year, 24-hour precipitation event.

Title 40-8-12(1)(b) Rule M-3 (2)(c)(2) - DWD

Fencing, as described in the original mine plan, must be installed around the pond to prevent wildlife from coming in contact with the pond water.

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Rule M-10(4) Slopes - SS

The applicant must commit to crisscross ripping, scarification or terracing the steep slopes of the reclaimed leach pad. Also, the applicant must submit postmine cross-sections of the leach pad including drainage controls and direction of flow from the pad.

Rule M-10(3)(13) Impoundments, Dams - DWD

The operator must submit reclamation plans for the pond. It is interpreted that the pond and waste leach dump site will be reclaimed two to three years after the other mining operations have been reclaimed. Please comment.

Rule M-5 Surety (Bonding) - SS

The attached bonding adjustment has been calculated by the Division. This will require a revision to the existing surety amount currently on file with the Division for the Drum Mine.

Please provide the above referenced information at your earliest convenience so that the processing of this revision may be completed and approved within a reasonable time frame.

Should you have questions or comments pertaining to this review, please contact me directly.

X May of

D. Wayne Hedberg

Permit Supervisor/ Reclamation Hydrologist

DWH/btb

cc: J. Smith, DOGM

S. Storrud, DOGM

D. Darby, DOGM

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